

## Recombinant Human RAB32

**Cat. No.** RAB32-30604TH    **Lot. No.** (See product label)

### SPECIFICATION

|                            |                                                                                                                                                 |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>    | Recombinant full length Human RAB32; amino acids 1-225, MWt 25 kDa.                                                                             |
| <b>Species</b>             | Human                                                                                                                                           |
| <b>Source</b>              | E.coli                                                                                                                                          |
| <b>ProteinLength</b>       | 1-225 a.a.                                                                                                                                      |
| <b>Description</b>         | Small GTP-binding proteins of the RAB family, such as RAB32, play essential roles in vesicle and granule targeting (Bao et al.                  |
| <b>Tissue specificity</b>  | Widely expressed with high levels in heart, liver, kidney, bone marrow, testis, colon and fetal lung.                                           |
| <b>Biological activity</b> | Activity: 100 pmol of protein can bind >80 pmol of GDP.                                                                                         |
| <b>Form</b>                | Liquid                                                                                                                                          |
| <b>Purity</b>              | >90% by SDS-PAGE                                                                                                                                |
| <b>Storage buffer</b>      | Preservative: None<br>Constituents: 50mM Tris HCl, 2mM Beta mercaptoethanol, 100mM Sodium chloride, 10mM Magnesium chloride, 0.01mM GDP, pH 8.0 |
| <b>Storage</b>             | Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.                                                       |

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|                              |                                                                       |
|------------------------------|-----------------------------------------------------------------------|
| <b>Sequence Similarities</b> | Belongs to the small GTPase superfamily. Rab family.                  |
| <b>Full Length</b>           | Full L.                                                               |
| <b>GENE INFORMATION</b>      |                                                                       |
| <b>Gene Name</b>             | RAB32 RAB32, member RAS oncogene family [ Homo sapiens ]              |
| <b>Official Symbol</b>       | RAB32                                                                 |
| <b>Synonyms</b>              | RAB32; RAB32, member RAS oncogene family; ras-related protein Rab-32; |
| <b>Gene ID</b>               | 10981                                                                 |
| <b>mRNA Refseq</b>           | NM_006834                                                             |
| <b>Protein Refseq</b>        | NP_006825                                                             |
| <b>MIM</b>                   | 612906                                                                |
| <b>Uniprot ID</b>            | Q13637                                                                |
| <b>Chromosome Location</b>   | 6q24.2                                                                |
| <b>Function</b>              | GTP binding; nucleotide binding;                                      |